

Malagasy - 5R8 Vince Thompson K5VT came on the air as 5R8VT on Nov. 7. He has been worked on 7005 and 21025 kHz. No word on how long he'll be there. QSL to home call.

Glorioso - FR/G Daniel FH4EC is scheduled to leave Glorioso on Nov. 16. He checks into Snookie's net on 14183 kHz about 1700. They often move up to 15: 21335 kHz, about an hour later. QSL F6FNU.

Kure - KH7 KH6JEB/KH7 is on again. Watch 21308, and popular SSB spots. No CW. QSL home call.

Taiwan - BV Yoshi JA1UT is mounting another BV operation, this one on RTTY. BV0RY will be on Nov. 27-30, 90 kHz up on 20-10 M. Skeds to Tim Chen BV2B at 001-886-2-705-5638, or to the hotel 001-886-2-396-9321. QSL JG1RVN.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Virgin Is. - KV4 Brad N2HLZ will be /KV4, including the ARRL SS SSB. He plans to hang out on the Novice band, around 28400 kHz. QSL Box 61, St. Thomas, US Virgin Is. 00801.

Anhatomirim Is. - ZZ5 The Clube de CW Aguias do Sul returns to this IOTA SA-26 spot Jan. 1-8, 1988, as ZZ5IW. They'll be on 10-40 M, CW only. The individual operators will sign their own calls QRP, running 5 watts. QSL to club call PP5IW.

Amsterdam Is. - FT8Z FT5ZB (F6CZB) and FT3ZC (FC1HJO - VHF only) are on the way to AF-02. FT8ZB is taking RTTY/AMTOR/Packet gear. FT5ZB, ex-J28EI, expects to be very active on all bands. Other French Antarctic stations are FT5YB (F5NB) on Antarctica, and FT2XE (FB1MSR) on Kerguelen (AF-48).

Resident Amateurs

- Charlie VS6UA is active most mornings about 2300Z, mostly on 15 and 10 meters. QSL W2YM.
- XU1SS often joins YB3CN on 14165 kHz, especially Mondays-Thursdays, after 1200Z. On Sundays try 14220 at 0600Z. XU1SS has also been worked on 14243 kHz at 1250Z.
- TA2/N4EXR is Glenn Whited, Box 208, APO New York NY 09254. He operates 80-10, and will be in Ankara for about two years.
- BY4WNG is Chao Meng, a 21-year-old radio engineering student at Nanjing Institute of Technology. He is QRV on 160-10, including 30 meters. He joins DU9RG's net at 1200Z on 7088 kHz occasionally. He's also be on 75.
- 7P8CB is active on 21226 at 1700Z. He'll be in Lesotho for three years. QSL to Jose, Maluti Hospital, Box X019, Ficksburg 9730, Rep. of South Africa. Thanks DX-NL.
- T08K is a special prefix from New Caledonia in November and December, in honor of the 8th Pacific Games. Active stations include the club station T08KPG, and 26 stations with the calls T08KA-T08KZ, on the air in December. Thanks LNDX.

Shortly Noted

- 9L1GG is very active on 20 and 15. Watch 21025-30 kHz after 2200Z.
- CE0ICD on Juan Fernandez (SA-05) can often be found on 14236 kHz at 2345Z.
- ON6XY/4U is in the Golan Heights, which counts for Syria in DXCC. See Bandpass.
- VP8BNO on the Falklands is active on all bands, especially 25 kHz up on CW. Try 14025 kHz at 0200Z.

Low Band News

- Vince 5R8VT said he would try 1827 kHz at 0130-0200Z, just before his sunrise.
- JR1CAB/JD1 on Ogasawara (AS-31) has been on 3508 kHz at 1140Z, and 3797 at 1250Z.
- S79WS is DJ6QT. He has been on 3800 kHz at 2250Z, but is scheduled to leave soon. He's also on RTTY. QSL home call, 1987 Callbook only.
- TK5VN is on 160 at 0630Z, his sunrise.
- PA0GAM/ST2 has been on 3512 and 3501 kHz around 0200Z. QSL Box 3794, Khartoum, without callsigns on the envelope.
- 3B8CF continues to haunt 1832 kHz at 0130Z.
- VS6DO has worked the West coast at 1350Z on 3505 kHz. Also try 7001 kHz at 1200Z. On 160, he transmits on 1825, and announces his listening frequency. Try 1120-1200Z. See Page 2 for QSL update.
- YN3CC is active on 7004 kHz at 0400Z.
- Recently worked on 160 were: JA3ONB JA4LKB ON4UN HB9AMO and ST2SA (?).

PROPAGATION

Forecast and Historical Data

Day Forecast		27 Days Before				55 Days Before			
November		Date	Flux	A	K	Date	Flux	A	K
13	Low Normal	10/17	107	16/21	4	9/19	83	15/09	0
14	Above Nor	10/18	107	07/08	1	9/20	84	14/13	3
15	High/Above	10/19	101	05/09	3	9/21	82	15/12	2
16	High Nor	10/20	97	03/12	2	9/22	81	20/36	5
17	Low Normal	10/21	90	10/20	2	9/23	80	20/23	2
18	High Nor	10/22	89	04/09	1	9/24	80	15/17	2
19	Low Normal	10/23	88	10/17	2	9/25	78	25/58	5
20	Below Nor	10/24	88	14/29	3	9/26	78	20/40	3
21	Disturbed	10/25	93	10/43	3	9/27	80	10/15	1

Thanks N4XX and KH6BZF

Propagation Watch

If the sun holds true to form, we can expect solar flux to drop down to below 90 during the next week, before starting to rise again after Nov. 19. During the following week, we should see flux returning to levels above 100. The absorption will stay quite low until Nov. 20, when we will likely see a return of the stormy conditions that affected CQWW SSB. Absorption should be low, and long-haul propagation good, on Nov. 14, 15, and again on the 18th. November should end with a bang, if the exceptional propagation of Oct. 31-Nov. 2 is repeated one solar revolution later. 10 meters was open to all parts of the world, 15 meters was open to large factions of the world at the same time, and 20 meters stayed open almost all night. Look for great things from CQWW CW this year!

The CQWW SSB was cursed with the worst propagation of the entire month. The weekend started with solar flux below 90 for the only time in October. It crept back to 93 on Sunday, but a solar storm early Sunday morning (UTC) made the bands much worse. The K index for 03-0600Z on Sunday hit 6, while the Boulder A index rose to 24, the second highest reading all month. The planetary A index soared to 43, essentially wiping out the polar path and long-haul DX. (The A index at Anchorage, Alaska hit 98! So much for operating CQWW SSB from KL7!) But be prepared for the exact opposite conditions for the CW Test.

Meanwhile DXers should pay special attention to skew propagation paths. Several reporters have commented on the variety of directions from which a signal might peak. West Coast stations are working Europe on the long path, direct over the pole, and various skewed paths over Australia. Don't live blindly by the beamheading chart. Check the long path, and various directions between, to find the direction of the strongest signal.

Sunspot Cycle 22

The sunspot number for October, 1987 was 61, the highest level since the Spring of 1984. This reading boosts the 13-month smoothed sunspot number for April, 1987 to 24, double the number at the bottom of the cycle in Sept., 1986. Smoothed sunspot numbers are already running well ahead of early predictions. In cycles that show a doubling of sunspot number within a year of the minimum, the eventual peak has been very high. Both the excellent Cycle 21 of the early 1980's and the fabled Cycle 19 in the 1950's started fast, and ended high.

The "official" prediction for Cycle 22 shows the sunspot numbers climbing rapidly through the next two years, and then leveling off at a plateau of about 120 from early 1990 to the end of 1992. As of the latest figures, we are about 20% above the early predictions. These predictions are rather sensitive to the sunspot numbers at the beginning of the cycle, so perhaps we'll see predictions of higher peaks soon.

Help Wanted With Antenna Lawsuit

TDXB reader Doc Evans NQ0I has filed suit in Federal court against the recent imposition of a 35 foot antenna height restriction covering the 750 square miles of Boulder County, Colorado.

This restriction precludes him from erecting a 125 foot antenna at his new home, and his suit claims that it therefore violates PRB-1 by denying the achievement of "legitimate communications goals."

Readers with competitive antenna systems can help his case by sending him details of their antennas for inclusion in his legal arguments. His address is: Doc Evans NQ0I, 7912 Fairview Road, Boulder CO 80303.

QSL INFORMATION

QSLs Received

Direct: A92EM A92BE (2 wks) XU1SS BY4WNG H44JA CE0ZIG (3 mos) 8R1RPN (5 wks) 3C1CW (3 mos) H25TI (3 wks) 3B8CF (3 wks) BY1CKJ BY4AA J28EO JY9IU CN5SE BY0AA (8 mos!) BY9GA (12 days) FR5AI/E (6 wks) OY2J (1 mo) ZL7DE BY4RB (10 wks)

Manager: DL0MAR/9G 3D6CW J6CQ FY5YE TR8JLD 9J2BO (1 wk) 1A0KM (1 mo) TZ6VV (6 wks) 9N1MM (2 mos) KX6DS ZD7XY 5U7SA ZB2CN OF0MA FR5ES UA10T (4 mos, via W7PHO)

Bureau: YN3EO YJ8JH SU1ER VK9LM 3B8CA 802FTJ P40GD PJ1B TU2QQ ZK2DD ON7IP/ST2 5H3BH TR8JLD

QSL News

- Active low bander VS6DO now QSLs via WA3HUP. A card sent to previous manager K4CIA was returned from WA3HUP, and Mary's call is on the card as manager.
- ZB2EO says his correct QSL info is Box 534, Gibraltar.
- N8BJQ/J6 is via W8IMZ.
- The new address for A51PN is H. N. Pradhan, c/o Wireless station, Phuntsholing, Bhutan. He has the logs for his operations prior to the shutdown of amateur radio in Bhutan, and will QSL 100%, upon receipt of IRCs.
- QSL K8PYD's Sept. 21-23 BY1QH operation and his Oct. 1 BY8AC contacts direct to the respective BY station.
- FB8ZO is via F6EYB, who travels a great deal.
- ZD9GH is via ZS1Z, per 1982 Callbook.
- FG0FIS/FG and other Dave Gardner K6LPL operations may be confirmed via K7RS, who at least has the /KH3 logs. Or try W6ORD or W7PHO.
- XW8CC was a club station at the American School.
- KJ6DO/KH7S was "Suitland Island," a non-existent entity that may rank as the only pirate operation that was advertised in advance, and QSLed 100%. The perpetrators elect to remain anonymous.
- FO8DT is via F6ESW.
- KC4USV is being manned by Scott Martin W7SW. QSL to Box 700 USARP McMurdo, Naval Support Antarctic, FPO San Francisco CA 96601-6010. SASE, please.
- VU4GDG is via home call of VU2GDG. Green Stamps are okay in India, but may get ripped off.

CQWW SSB QSL Routes

- P40V and the following P40 stations: AT K KP S TR TU all QSL to WA6AHF.
- 8P9HR, 8P9HS, 8P9HT, and 8P9HU QSL via K4BAI. 8P9HQ is via K3ZR, and 8P9HV is via N4TX.

QSL Help Wanted

- KL7AR for QSL expert SM5DQC.
- 5A2ND for K8PYD.
- FP0ADI Feb 1985, for N4KG.
- and W3HCW is having trouble getting QSLs out of 9K2SH ZK3PM KA2HH KS6FL and UA10T (see above for UA10T -ed.)

BANDPASS

Reports Wanted,
Especially RTTY, 30 meters

-----RTTY-----

JA1ACB 14091 2250 29 ND
S79WS 14090 1730 29 ND
TI20EB 14089 1315 29 ND
UT5RP 14087 1620 31 ND
V44KAR 14092 2220 29 ND

-----160 Meters-----

3B8CF 1832 0128 26 MA
CU1CB 1831 0412 2 CT
ET8H 1837 0634 1 MA
HI8LC 1828 0330 30 VA
KX6DC 1833 1030 23 CT
KX6DC 1834 1134 3 ID
ON4UN 1831 2230 28 CT
RB5UI 1835 2235 28 CT
RT4UA 1837 0422 3 MD
S0RASD 1815 0405 25 MA
SU1MR 1830 0410 23 MA
UQ2PZ 1834 0152 3 MD
WP4L 1835 0135 1 WI
YN3EO 1843 0313 22 MD

-----80 Meters-----

4U24UN 3504 0430 31 MO
9L1GG 3503 0614 7 CA
BY4WNG 3505 1320 30 CA
FR5ES 3503 1436 1 CA
HI8LC 3501 0131 2 FL
HZ1AB 3501 1443 1 CA
LX1DA 3503 0525 24 MA
SU1MR 3505 0300 23 MA
UW0LT 3505 1212 3 VA
VP2MDY 3525 0020 26 MA
VP2MIX 3502 0029 6 FL
VS6DO 3504 1429 1 CA
VS6DO 3506 1349 4 ID

-----75 Meters-----

5B40A 3797 0030 31 MA
AH2MC 3797 0443 28 OR
BY4WNG 3793 1439 30 CA
C31UA 3799 0442 4 MA
CM5DD 3788 0150 31 MA
EA9IE 3800 0400 31 MD
FR5ES 3789 1438 4 CA
HP3FL 3793 1053 1 DE
S0RASD 3791 2245 3 MA
TG9NX 3794 0715 1 MA
VK62K* 3796 2138 31 MA
XE2GKG 3778 0809 24 MA
YB3ASQ 3796 1430 4 CA
YN3EO 3790 0434 2 WI
ZF10PW 3797 0405 28 MA

-----40 Meters-----

3B1DA 7005 0235 3 MO
3B8CF 7027 0200 2 MA
4K1C 7001 1432 27 OR
4S7RO 7006 1208 30 CT
4S7RO* 7010 1230 4 VA
4U/OH6XY 7005 0031 2 FL
4U1UN 7001 0122 7 FL
4U2UN 7002 0117 31 OR
5R8VT 7005 0430 7 CA
8P6KY 7226 0820 31 CA
9M2AX 7005 1341 27 MT

BV2B 7004 1343 4 ID
CE0ZIG 7012 1131 28 MA
EA6/G6ZY 7003 0640 29 CA
IU2HM 7003 0147 27 GA
JW5NM 7003 1345 26 MT
KH2D 7007 1314 1 MN
KH8/KN8M 7002 0910 5 MA
LZ2ZA* 7002 1426 4 ID
PY0FF 7001 0245 6 MA
PY7CW/0 7004 0241 1 OR
PY7CW/0 7011 0250 2 MA
RY8PYL 7009 1222 2 VA
S79WS 7006 0230 30 CA
SU1DP 7005 0230 2 CA
SU1MR 7004 0101 23 PA
TA4A 7003 0242 2 MD
UD6DC 7002 2353 5 FL
UH8BBL 7010 0219 29 MT
UH8EAU* 7018 1237 4 VA
UL7CAD* 7003 1155 1 VA
UL7TX* 7008 1212 1 VA
UM8MY 7006 1215 4 VA
UQ1GWW 7000 1449 31 MT
UW0LT 7009 1207 3 VA
UZ9QWM* 7005 1200 1 VA
V85AA 7003 1425 27 OR
VK8AV* 7002 2128 1 MD
VK9NL 7017 0110 29 CA
VS6DO 7001 1205 5 MA
VU2TS* 7003 1211 2 VA
YN3CC 7005 0116 5 FL
YN3EO 7001 0221 29 CT
ZL7IX 7011 1217 1 VA

-----30 Meters-----

TK5VN 10103 2236 1 GA
VK3DQ 10106 1255 27 MA

-----20 Meter CW-----

4K1LPK 14003 0030 29 MO
4S7EA 14010 0136 27 MT
5H1HK 14031 2005 28 MA
5Z4FA 14021 2230 3 MA
7X2FK 14030 2008 1 MA
9L1GG 14003 2135 1 MO
9L1GG 14012 0007 6 FL
9M2LE 14021 1526 31 CA
A71BJ 14086 1740 26 MA
BV2A 14014 0029 1 MD
BY4RB 14026 0154 1 MO
BY8AC 14023 0118 3 MO
FR/G/ 14183 1946 1 MA
FH4EC on CW!

FR5ES 14021 1932 3 MA
J28EN 14007 1800 28 MA
JT/OK1XC 14005 0011 5 FL
JY9WF 14027 1450 28 MA
KH0/NH6K 14035 1256 23 MA
LU1ZA 14029 0117 31 MT
LU1ZA 14013 0118 4 FL
LZ2KAC* 14017 1521 30 CA
R1A 14005 1330 3 MN
R1A 14021 1542 4 OR
RI8XX 14031 0307 29 OR
RL8PYL 14011 2144 6 FL
ST2/ 14025 1921 1 FL
PA0GAM
TR8HH 14014 1923 1 FL
TR8JJC 14017 2119 24 MT
TU4CO 14029 2050 2 MA
TZ0RO 14009 2152 3 MA

U8BQ 14036 0312 27 OR
U8JB 14042 1447 30 MA
UG6GAT 14003 1526 31 OR
UGGG 14020 1621 31 MT
UH8AAD 14044 1535 3 OR
UI9GWA 14016 1155 23 MA
VP8BNO 14028 0200 1 MA
XE2GKG 14021 2055 2 MA
YN4RR 14021 2133 31 MD

-----20 Meter SSB-----

5T5NU 14189 1930 3 MA
5V7WD 14169 2210 27 MA
9M2HB 14225 0025 30 MO
9Q5FF 14160 2230 26 CT
9Q5NW 14250 2050 1 MO
A22RB 14204 2124 31 MA
BV2FA 14174 0040 30 VA
BY1QH 14240 0026 31 PA
BY4AA 14215 2345 23 MA
BY4RB 14191 0100 3 MO
BY4SZ 14197 0139 3 MD
CE0ICD 14236 2350 31 CA
FR4DL* 14195 0232 31 CA
FT8WA 14213 0259 1 MD
JT1BG 14220 2330 23 MA
JW6EDA 14180 1325 1 MN
KC4AAA 14226 0200 2 CA
KC4USV 14207 1000 31 DE
KX6BA 14218 0203 28 CA
S79WS 14183 1710 6 CA
TU2QQ 14196 2235 31 CA
V85BA 14175 0020 30 MO
V85JB 14215 1532 30 CA
V85RA 14175 1236 15 CT
VE1ARM 14259 1918 31 WI
VU2NR* 14185 0130 2 CA
XU1SS 14165 1354 27 PA
YI0BIF 14200 1554 5 CA
YI1BGD 14213 1630 28 CA
ZS3W 14233 2248 2 NC

-----15 Meter CW-----

5R8VT 21023 1648 7 CA
7X25AX 21017 1727 28 MA
9L1GG 21031 2240 2 CA
EA9FY 21043 1800 31 CA
HK0BKX 21010 1455 28 GA
LU5EVV/Z 21010 2227 1 FL
ST2/ 21025 1820 8 CA
PA0GAM
TV9DX 21005 1448 23 PA
VP8BNO 21021 2310 31 MT
YB0BRX 21024 0012 30 MO
ZB2EO 21009 1625 8 CA

-----15 Meter SSB-----

5H3BH 21277 1852 31 MT
5L6D 21240 1805 23 MA
5T5NU 21256 2047 31 CA
5Z4ET 21298 1855 28 MA
5Z4JB 21285 1943 22 MA
A22BW 21282 1926 31 MN
A22RB 21230 2047 31 MT
AH2BM 21331 1915 30 MA
C53CR 21246 1940 28 GA
CE0ZIJ 21279 1245 14 CT
D44BC 21281 1842 28 GA
FH4EC/ 21335 1807 1 MA
FR/G/ 21335 1845 26 CA
" 21335 1830 8 CA
KH3/ 21252 2318 31 MN
KL7LF
P29JP 21258 2040 3 MA

S83H 21339 1935 2 WI
SV0CV 21302 2010 1 MA
TA3C 21250 1353 1 MD
TR8SA 21298 1905 28 MA
TR8SA 21295 1930 31 MN
TU4CO 21295 2110 31 MT
TZ6VV 21278 2240 2 MA
TZ6VV 21323 1713 31 CA
VK9NS 21295 2030 22 MA
VR6KY 21315 2045 1 MA
XE2GKG 21280 1730 31 MT
YI0BIF 21214 1423 1 MD
Z21BA 21202 2042 31 CA
Z21BV 21230 1804 23 MA
Z21GH 21291 2021 2 CA
ZD8RP 21256 1946 31 MT
ZD9BV 21307 1744 1 CA
ZS3GB 21212 2034 25 MD

-----12 Meters-----

3D6PS 24937 1628 1 CT
4X4BO 24953 1555 13 CT
A35PP 24954 0016 7 CA
EA6/G6ZY 24896 1615 31 CT
HB9G 24953 1340 1 CT
KH6DX 24950 0017 7 CA
ZS6RF 24940 1730 29 CT

-----10 Meters-----

3B1FP 28520 1300 31 NJ
5H3BH 28507 1802 1 MA
5H3RB 28440 1910 31 MD
5N27/ 28554 1310 31 NJ
ON7VD

5N9GM 28523 1535 1 MD
5T5MH 28392 1827 28 GA
5T5NU 28443 1627 2 WI
6W7OG 28560 1736 1 MD
9J2BO 28026 1258 1 MD
9J2BO 28027 1505 31 NJ
9J2BU 28024 1519 25 CT
9L1RK 28564 1736 1 MD
9L1RK 28511 1728 31 CA
9Q5DA 28023 1558 7 CA
9Q5FF 28499 1430 1 NJ
A22BW 28576 1656 1 MD
C30LAY 28475 1550 1 MO
CE0FFD 28022 2110 1 ID
CE0FFD 28015 2145 2 MA
CE0FFD 28008 1848 31 CA
CN8MK 28457 1637 31 MO
EA8ABG 28547 1651 31 WI
FH8CB 28533 1611 1 MO
FK0AW 28510 1950 5 CA
FR4DL 28530 1515 31 NJ
FR5EL 28515 1646 1 MD
FR5EM 28515 1741 1 MO
HK0HEU 28595 1742 3 MD
KH3/ 28458 2350 1 CA

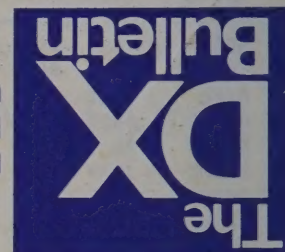
-----KL7LF-----

LU1ZA 28019 1610 1 CT
S79WS 28541 1325 31 MD
TR8SA 28500 1620 31 NJ
YJ8NJS 28472 2101 31 MD
Z21GC 28024 1805 31 MA
Z21GU 28545 1440 1 NJ
ZB2IP 28527 1501 1 MD
ZB2IT 28597 1630 1 MO
ZD7AF 28587 1500 31 NJ
ZD9BV 28506 1725 1 MD
ZS3BI 28539 1728 6 CA
ZS3BI 28540 1636 7 CA
ZS3NH 28557 1620 1 MO

Key to Bandpass: Callsign, frequency, UTC, day of month, state. * = long path, P = Packet. All 'portable' calls are listed with country of operation first, regardless of format used on the air.

When you work a station from this information, say you saw the callsign in The DX Bulletin. Thanks, -ed.

Copyright The DX Bulletin. The DX Bulletin (ISSN 0279-8077) is published fifty times per year at P.O. Box 50, Fulton, CA 95439 (707) 523-1001. One-year subscription rates are: \$29 Second Class Mail, \$38 First Class Mail, US\$50 Foreign Airmail. POSTMASTER: Send address changes to The DX Bulletin, P.O. Box 50, Fulton, CA 95439.

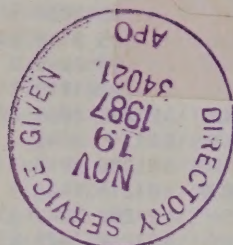


P.O. Box 50
Fulton, CA 95439
U.S.A.

FIRST CLASS MAIL

Change of address due to official orders.

First Class
U.S. Postage Paid
Santa Rosa, CA
Permit No. 550



8 00498 88/10
A A LAUN K320
5801 HUNTLAND RD.
TEMPLE HILLS, MD. 20748

CALENDAR

Issue 412 - Nov. 13, 1987

(Changes and hot info in boldface.)

Amsterdam - FT8Z	FT5ZB Dec-July	I403
	FT8ZA 7073 1400Z	I405
Antarctica - ZL6	ZL6BA (VK7ZSJ) Dec.	I406
Auckland - ZL9	Feb. 88 by ZL1AMO	I402
Barbados - 8P9	CQWW CW 8P9HT S/A	I392
Belau - KC6	KC6CS CQWW CW	I410
Belize - V31	V31AB CQWW CW	I410
Caicos - VP5	VP5W CQWW CW	I411
China - BY	BY4WNG 40, 75M	I412
Cocos-Keeling	VK9YV, YH Nov 25-Dec	I406
	VK9YE Dec. 8-15	I411
Crozet - FT8W	FT8WA 40M SSB 0300Z	I406
E. Malaysia - 9M6	9M6ZR Nov 25-Dec 8	I411
Falklands - VP8	VP8BNO 14025, t 0200Z	I412
Fernando - PY0F	by PYs Nov. 21-Dec.1	I411
Glorioso - FR/G	FH4EC until Nov. 16	I409
Grenada - J3	Feb-Mar by K4LTA	I406
Heard Is. - VK0	VK0HI Now - May	I405
Iraq - YI	YI1BGD 14210, 1500Z	I408
Johnston Is - KH3	WY5L/KH3 1842 1030Z	I406
Juan Fernandez	CE0ICD 14236 2345Z	I412
Kampuchea - XU	XU1SS 14165 1200Z	I412
Kure - KH7	KH6JEB/KH7 now, SSB	I412
Macquarie - VK0	VK0GC 1832 0930Z Mon	I410
Malagasy - 5R8	5R8VT now	I412
Marshall Is. - KX	KX6DS 7002 at 0900Z	I408
	1833 kHz at 1000z	I410
Mauritius - 3B	3B8CF 7005 02, 13Z	I407
	1832 kHz at 0130Z	I409
Mexico - XE	Colvins to Nov 30.	I409
Montserrat VP2M	VP2MU CQWW CW	I410
New Caledonia FK	TO8K- calls in Dec.	I412
Niger - 5U	TU4BR/5U7 14160 21Z	I407
Oman - A4X	A4XXV Nov. 5-30	I411
St. Lucia - J6	J6DX CQWW CW	I408
San Andres - HK0	by N3JT CQWW CW	I408
Seychelles - S79	by DJ6QT to late-Nov	I411
Sierra Leone 9L	9L1GG 14013 at 2200Z	I404
	21025-30 200Z+	I412

Singapore - 9V	9V1WZ 7088 11-12Z	I411
Somali - T5	T52SI Nov. 16-25	I411
South Cooks - ZK1	by W8AM Nov. 10-13	I410
South Orkney LU/Z	LU1ZA 7007 01-0400Z	I405
Sudan - ST	PA0GAM/ST2 14024 kHz	I401
	3501, 3512, 40M 0200Z	I406
Taiwan - BV	BV0RY RTTY Nov 27-30	I412
Tanzania - 5H	5H3BH 20M CQWW CW	I411
Thailand - HS	HS0A CQWW CW	I408
Trinidad - 9Y	9Y4Z by NQ4I CQWW CW	I402
Tristan - ZD9	by KY0T Nov. 23-30	I410
US Virgin Is.	KP2A CQWW CQ M/M	I411
Vaunatu - YJ	YJ0AA, AYL CQWW CW	I409
Zaire - 9Q	9Q5NW 14180 2000Z, also	
	9Q5YL. Try 21250 kHz	I399
Zimbabwe - Z2	Z24JS 21040 18Z Sun.	I408
4U1ITU	by W1RR Nov.18-Dec.9	I411

DX Activities and Contests

Date	Event or Activity	Info
Nov. 14-15	European RTTY Test	CQ
Nov. 21-22	ARRL SSB SS	QST
Nov. 28-29	CQWW CW The Big One	CQ
Dec. 4-6	ARRL 160 Meter Test	QST
Dec. 12-13	ARRL 10 Meter Test	QST

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following:
N4XX, KH6BZF, , K0CVD, K1MEM, K2OLG, K4BAI, K4LNA, K5MK, K6BWX, K7ABV, K8CV, KA1XN, KA7T, KD7SO, KE7X, KJ9I, KK4LM, KM1E, KW0A, N1CIX, N4KG, N4QAJ, NCDXCR, NW6P, W0LHS, W0YVA, W1AX, W1HH, W1HZ, W1NG, W3FFM, W3FME, W3HCW, W4VQ, W6AUG, W6BJI, W6GO, W6TFO, W6UQF, W9DH, WA3JRU, WB3AVN, K8PYD, WB3JRU, KA1KPH, K5MK, WW6D, W1AW, W4CVX, KM1E, VS6UA, K4BAI, WA6AHF, W7YS, SM5DQC, W4PSJ, W8IMZ, N4KG, JA1UT, N2HLZ, PP5AS, DX-NL, and NLDX. Many thanks!